

Test Results of 44 samples received from Pakistan on 8th March 2003

Your Reference	WRL Reference	Description of Sample	Serotyping Result by ELISA	Remarks
32 157 kh Haji Ilyas Karachi	PAK 18/2002	Bovine Epithelium	O	Direct antigen ELISA positive. Positive after passage in BTY* but not IB-RS-2** cells
33 158 kh Haji Ilyas Karachi	PAK 19/2002	Bovine Epithelium	O	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS-2 cells.
34 159 kh Haji Ilyas Karachi	PAK 20/2002	Bovine Epithelium	O	Direct antigen ELISA positive. Positive after passage in BTY but not IB-RS-2 cells
26 Umar Myan Peshawar	PAK 21/2002	Epithelium	NVD***	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.
27 Umar Myan Peshawar	PAK 22/2002	Epithelium	O	Direct antigen ELISA negative but positive after passage in both BTY and IB-RS-2 cells.
28 Inshaullam Peshawar	PAK 23/2002	Mouth Epithelium	A	Direct antigen ELISA negative. Positive after passage in BTY but not IB-RS-2 cells
29 Inshaullam Peshawar	PAK 24/2002	Bovine Mouth Epithelium	A	Direct antigen ELISA negative. Positive after passage in both BTY and IB-RS-2 cells.
30 Inshaullam Peshawar	PAK 25/2002	Bovine Mouth Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.
31 Inshaullam Peshawar	PAK 26/2002	Mouth Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.
4 Gilgit	PAK 27/2002	Bovine Epithelium	A	Direct antigen ELISA negative. Positive after passage in BTY but not IB-RS-2 cells
5	PAK 28/2002	Bovine Cow Epithelium	A	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS-2 cells.
3 Abdul Razar	PAK 29/2002	Bovine Cow Epithelium	A	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS-2 cells.
6 Manzoor	PAK 30/2002	Buffalo Epithelium	Asia 1	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS-2 cells.
7 Manzoor	PAK 31/2002	Buffalo Epithelium	Asia 1	Direct antigen ELISA positive. Positive after passage in BTY but not IB-RS-2 cells
8	PAK 32/2002	Buffalo Epithelium	Asia 1	Direct antigen ELISA positive. Positive after passage in BTY but not IB-RS-2 cells

9	PAK 33/2002	Buffalo Epithelium	Asia 1	Direct antigen ELISA positive. Positive after passage in BTY but not IB-RS-2 cells
10	PAK 34/2002	Buffalo Epithelium	Asia 1	Direct antigen ELISA positive. Positive after passage in BTY but not IB-RS-2 cells
11 Arshad	PAK 35/2002	Cow Epithelium	Asia 1	Direct antigen ELISA negative. Positive after passage in BTY but not IB-RS-2 cells
12 Arshad	PAK 36/2002	Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.
1 M. Ishaq	PAK 37/2002	Cow Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.
2 M. Din	PAK 38/2002	Cow Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.
13 M. Irshad	PAK 39/2002	Cow Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.
14 M. Irshad	PAK 40/2002	Buffalo Epithelium	O	Direct antigen ELISA negative. Positive after passage in BTY but not IB-RS-2 cells
15 Junaid	PAK 1/2003	Cow Epithelium	O	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS-2 cells
16 Junaid	PAK 2/2003	Buffalo Epithelium	O	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS-2 cells
17 M. Ashraf	PAK 3/2003	Buffalo Epithelium	A	Direct antigen ELISA positive. Positive after passage in BTY but not IB-RS-2 cells
18 M. Iqbal	PAK 4/2003	Buffalo Epithelium	O	Direct antigen ELISA positive. Positive after passage in BTY but not IB-RS-2 cells
19 M. Iqbal	PAK 5/2003	Buffalo Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.
20 Gulzar	PAK 6/2003	Cow Epithelium	O	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS-2 cells
21 M. Sarwar	PAK 7/2003	Buffalo Epithelium	O	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS-2 cells
22 Riaz Khan	PAK 8/2003	Buffalo Epithelium	O	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS-2 cells

23 Haji Ayub	PAK 9/2003	Buffalo Epithelium	A	Direct antigen ELISA negative. Positive after passage in BTY but not IB-RS-2 cells
24 Auran Zeb	PAK 10/2003	Buffalo Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.
25 Aran Zeb	PAK 11/2003	Buffalo Epithelium	A	Direct antigen ELISA negative. Positive after passage in BTY but not IB-RS-2 cells
35	PAK 12/2003	Cell Culture Supernatant	O, A	Direct antigen ELISA negative. Negative after passage in BTY but positive to both O and A after passage in IB-RS-2 cells.
36	PAK 13/2003	Cell Culture Supernatant	O	Direct antigen ELISA positive but negative after passage in both BTY and IB-RS-2 cells.
37	PAK 14/2003	Cell Culture Supernatant	O	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS-2 cells
38	PAK 15/2003	Cell Culture Supernatant	O	Direct antigen ELISA positive but negative after passage in both BTY and IB-RS-2 cells.
39	PAK 16/2003	Cell Culture Supernatant	O	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS-2 cells
40	PAK 17/2003	Cell Culture Supernatant	O	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS-2 cells
41	PAK 18/2003	Cell Culture Supernatant	A	Direct antigen ELISA positive but negative after passage in both BTY and IB-RS-2 cells.
42	PAK 19/2003	Cell Culture Supernatant	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.
43	PAK 20/2003	Epithelium	Asia 1	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS-2 cells
44	PAK 21/2003	Fluid	O	Direct antigen ELISA positive but negative after passage in both BTY and IB-RS-2 cells.

- * BTY: Primary bovine thyroid cells
** IB-RS-2: Continuous pig kidney cell line
*** NVD: No virus detected